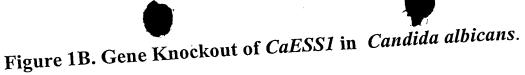
|| || Figure 1/2. The CaESS1 gene of Candida albicans.

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Figure 17. Complete nucleotide sequence of the CaESS1 gene from Candida albicans and its predicted translation product. The CaESS1-encoded protein is 177 amino acids long and has a predicted MW of 19.8 Kd. It is 42% identical to the ESS1 protein of Saccharomyces cerevisiae.



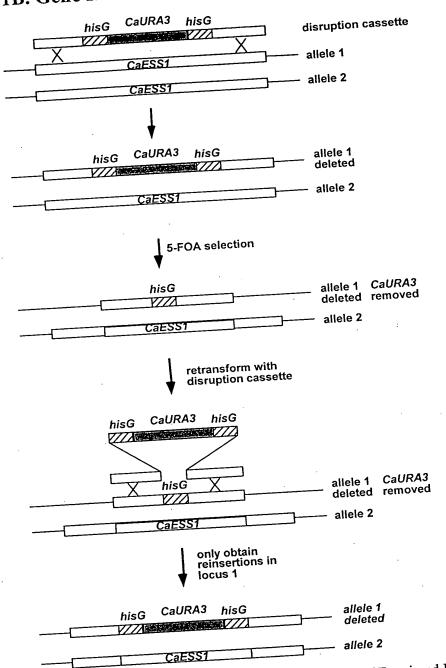
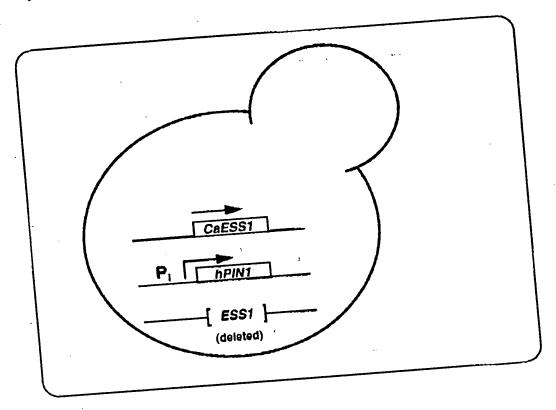


Figure 1B. CaEss1 was deleted in strain CAI4 by the method of Fonzi and Irwin (1993). Ura+ transformants were selected, genomic DNA was prepared and analyzed by Southern hybridization and by PCR. Results confirmed homologous recombination and gene deletion of the first allele as outlined in the figure. The CaURA3 gene was then removed by selection with 5-FOA, and diploid disruption strains (caess1/CaESS1) were used for retransformation with the hisG-CaURA3-hisG\Delta CaESS1 disruption cassette as before. No homozygous deletion strains (caess1/caess1) were obtained (see Table 1). Instead the hisG-CaURA3-hisG\Delta CaESS1 cassette reinserted into the already disrupted allele in all Ura+ transformants analyzed.

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Figure 3. Screen for CaESS1 Inhibitors

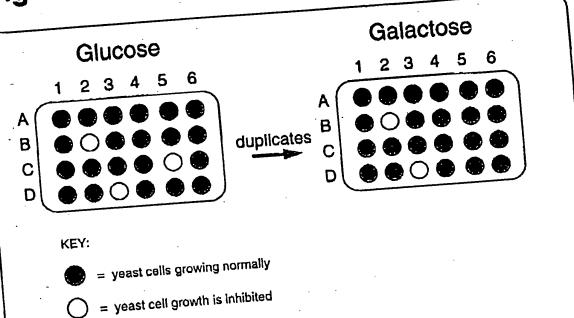


Figure 4. Screen for hPIN1 Inhibitors

